

Daily Challenge

Happy Coding from necse



SKILLRACK

Array Numbers - Greater Than Previous [ZOHO]

N integer values (positive, zero or negative) are passed as input to the program. The program must print the values of the integers (in the order of occurrence) which are greater than all the previous values.

Input Format:

The first line will contain N.

The second line will contain the N integer values, with the values separated by a space.

Output Format:

The first line will contain the integer values which are greater than all the previous values separated by a space.

Boundary Conditions:

$2 \leq N \leq 10000$

Example Input/Output 1:

Input:

4

3 -5 8 1

Output:

3 8

Explanation:

3 is the first number and printed. After that 8 is printed as it is greater than 3 and -5.

Example Input/Output 2:

Input:

12

1 2 5 7 19 20 12 11 9 15 45 45

Output:

1 2 5 7 19 20 45

Max Execution Time Limit: 5000 millisecs

Ambiance

Java (12.0)



```
1 import java.util.*;
2 public class Hello {
3
4     public static void main(String[] args) {
5         Scanner sc=new Scanner(System.in);
6         int n=sc.nextInt();
7         int[] arr=new int[n];
8         for(int i=0;i<n;i++){
9             arr[i]=sc.nextInt();
10
11         }
12
13         int max=Integer.MIN_VALUE;
14         for(int i=0;i<n;i++){
15             if(arr[i]>max){
16                 max=arr[i];
17                 System.out.print(max+" ");
18             }
19
20
21
22         }
23
24     }
25 }
```

1912080@nec

SaveRun